

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled MAGNETIC ANNEALING SEQUENCES FOR PATTERNED MRAM SYNTHETIC ANTI-FERROMAGNETIC PINNED LAYERS; the specification of which was filed on **January 26, 2004** as Application Serial No. **10/764,832**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

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Full name of sole inventor: **James G. Deak**

Inventor's signature James G. Deak

Date 3/4/04

Residence: **15205 Ironwood Court, Eden Prairie, MN 55346**

Citizenship: **U.S.**

Post Office Address: **same as above**

Send Correspondence To:  
**KNOBBE, MARTENS, OLSON & BEAR, LLP**  
**Customer No. 20,995**

MICRON.270A



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Deak )  
App. No. : 10/764,832 )  
Filed : January 26, 2004 )  
For : MAGNETIC ANNEALING )  
SEQUENCES FOR PATTERNED )  
MRAM SYNTHETIC ANTI- )  
FERROMAGNETIC PINNED )  
LAYERS )  
Examiner : Unknown )

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040


App. No. : Unknown  
Filed : Herewith

Main Street, Fourteenth Floor, Irvine, California 94614, Telephone (949) 760-0404, **Customer No. 20,995**, and Michael L. Lynch, Reg. No. 30,871, Micron Technology, Inc., 8000 South Federal Way, Boise, Idaho 83707-0006, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor and his attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

MICRON TECHNOLOGY, INC.

Dated: 3-29-2004

By:   
Michael L. Lynch

Title: Chief Patent Counsel

Address: 8000 South Federal Way  
Boise, ID 83707-0006

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Application No.: 10/764,832  
Filing Date: January 26, 2004

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**Do Not Record**

# ASSIGNMENT

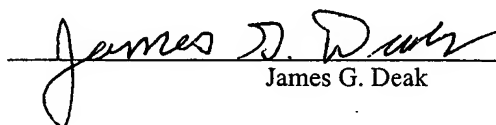
WHEREAS, I, James G. Deak, a U.S. citizen, residing at 15205 Ironwood Court, Eden Prairie, MN 55346, have invented certain new and useful improvements in a MAGNETIC ANNEALING SEQUENCES FOR PATTERNED MRAM SYNTHETIC ANTI-FERROMAGNETIC PINNED LAYERS for which I have filed an application for Letters Patent in the United States, 10/764,832, January 26, 2004;

AND WHEREAS, MICRON TECHNOLOGY, INC. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise, ID 83707-0006, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4 day of March, 2004

  
James G. Deak

STATE OF MINNESOTA

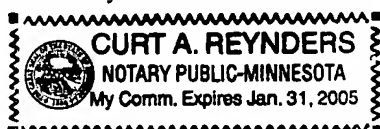
ss.

COUNTY OF HENNEPIN

On MARCH 4, 2004, before me, CURT A. REYNERS, personally appeared James G. Deak personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that they executed the same in their authorized capacity(ies), and that by their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



  
Notary Signature